



NEBRASKA'S WATER MANAGEMENT RESOURCE

Providing the sound science and support for
managing Nebraska's most precious resource.

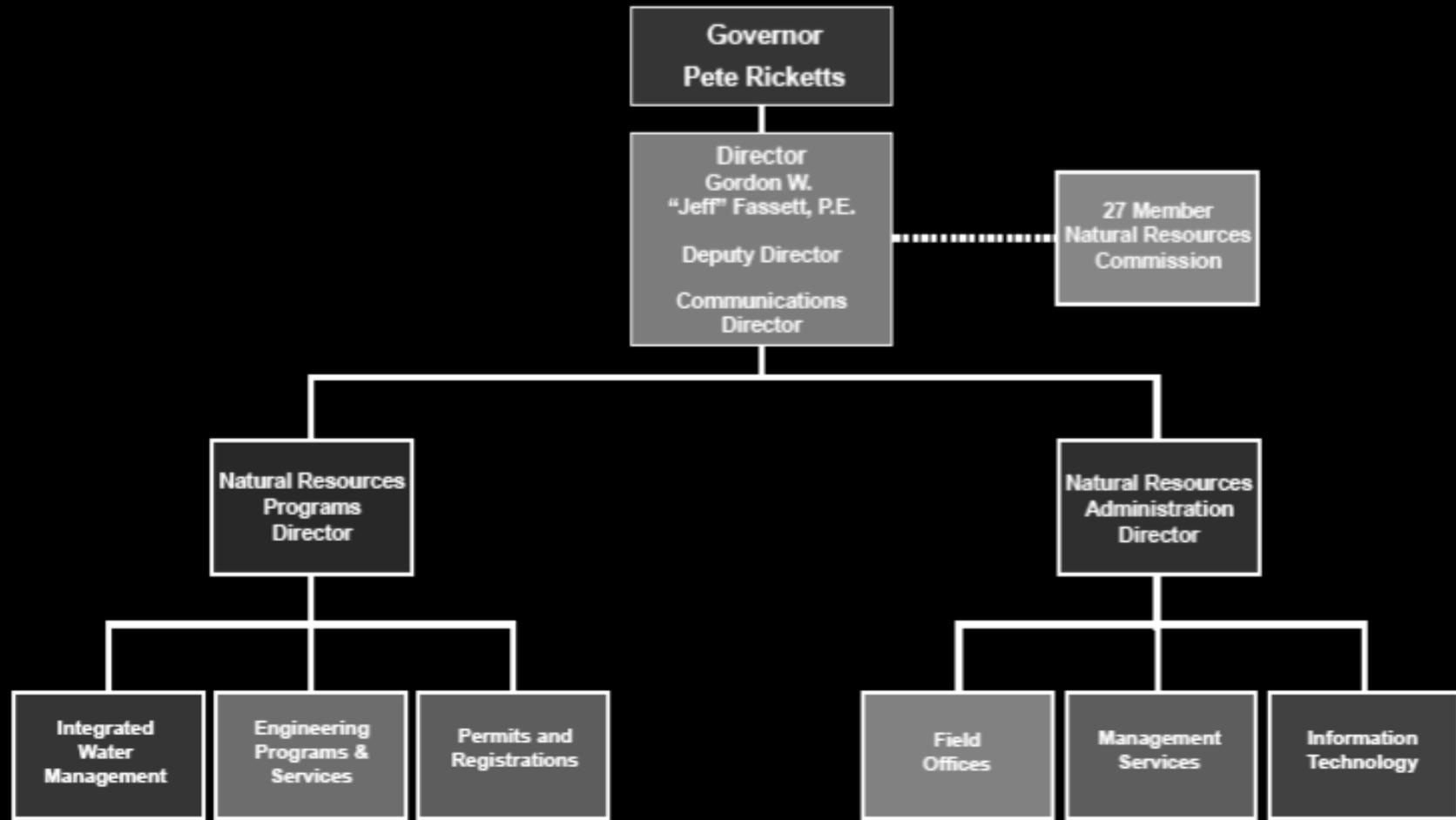
Introduction to Voluntary Integrated Management Planning

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Nebraska Department of Natural Resources



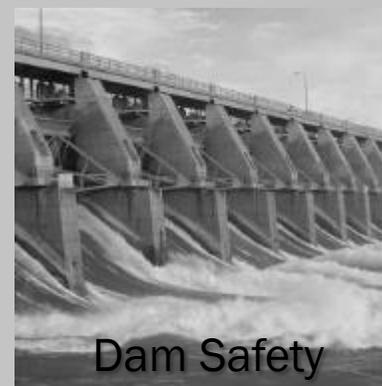
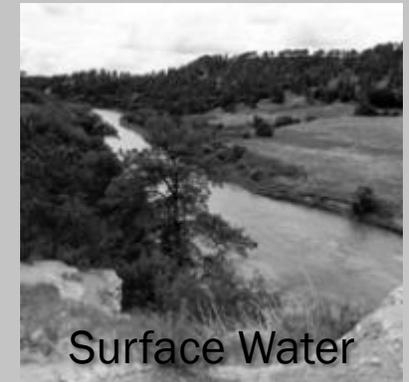
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Overview

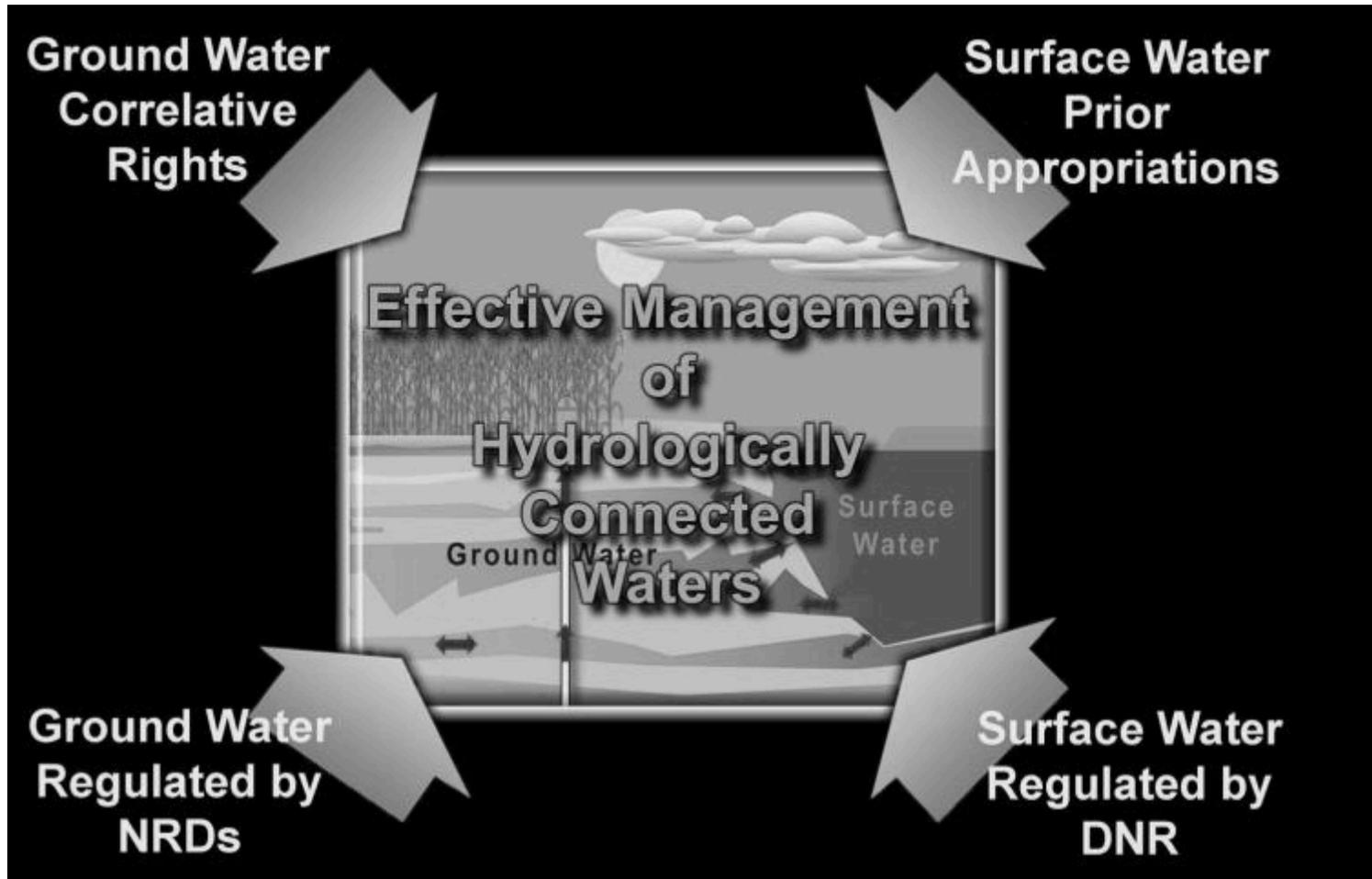
- Overview of Integrated Water Management
- Voluntary Integrated Management Plans
- Stakeholder Roles/Process
- Department & NRD Roles
- IMP Components/Benefits

Integrated Water Management (IWM)

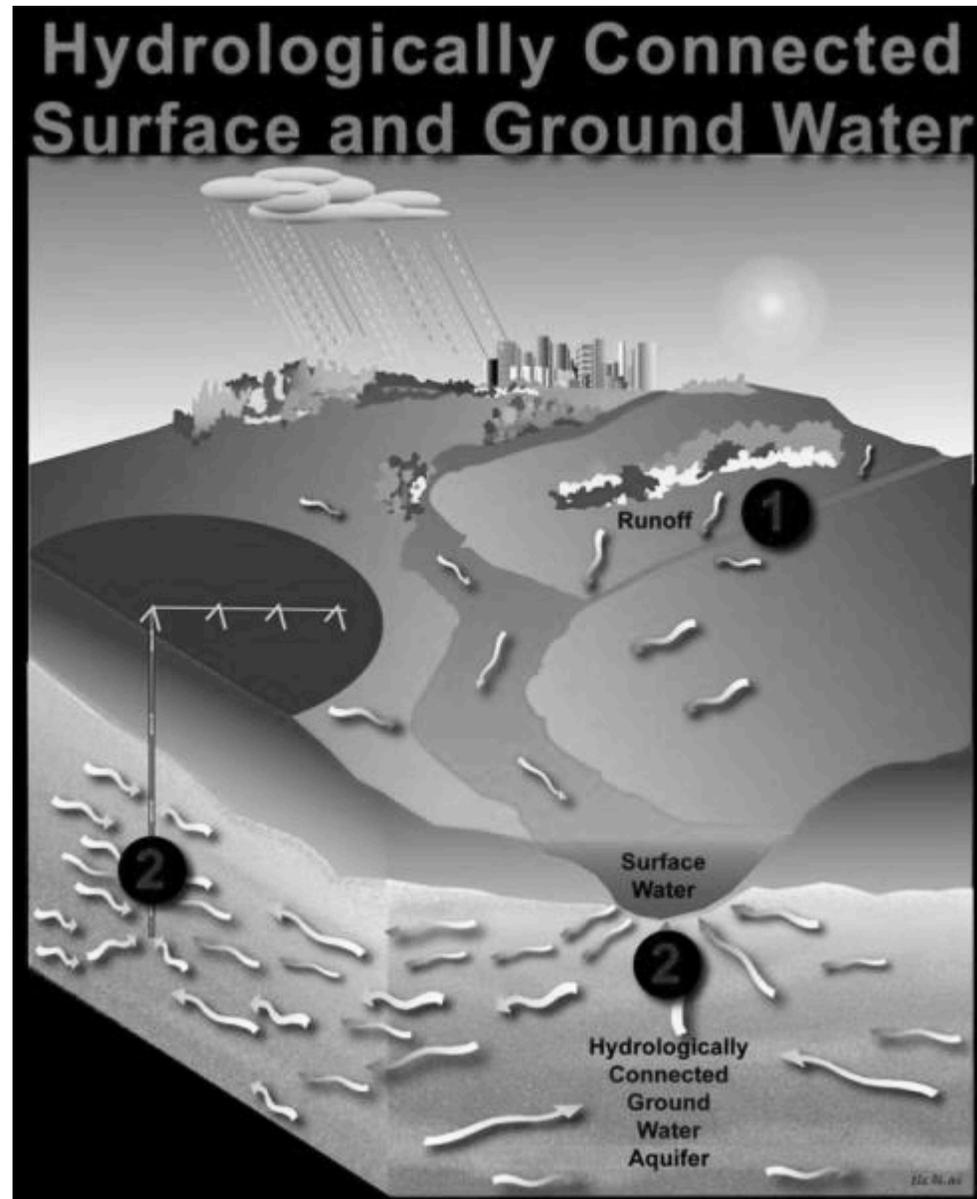
- LB 962 (2004)—Legally acknowledged hydrologically connected ground and surface waters
- Tasked the Department to evaluate basins to determine fully appropriated status
- Established framework for joint Department and NRD integrated management planning



Integrated Water Management

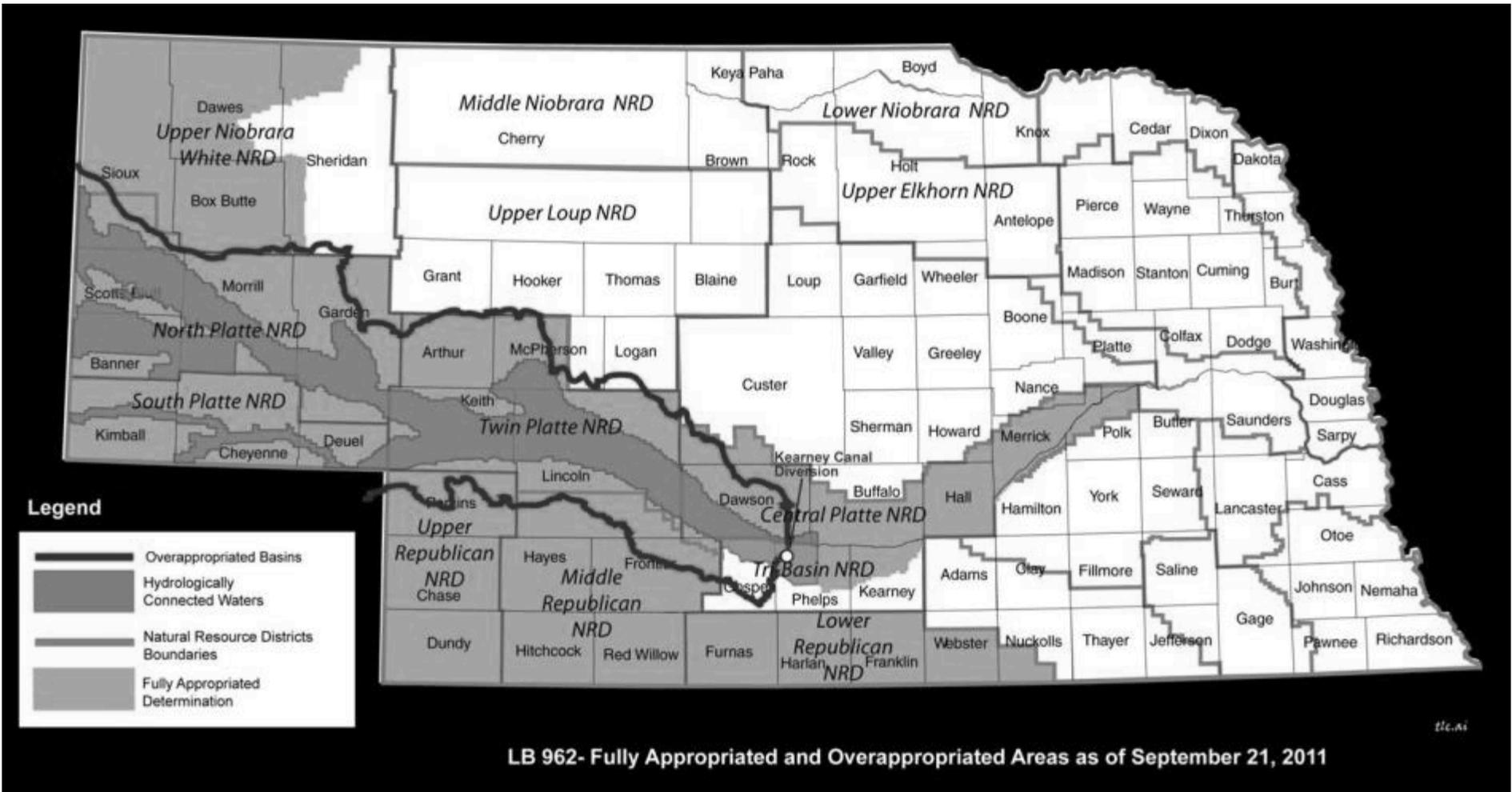


Integrated Water Management



Integrated Water Management (IWM)

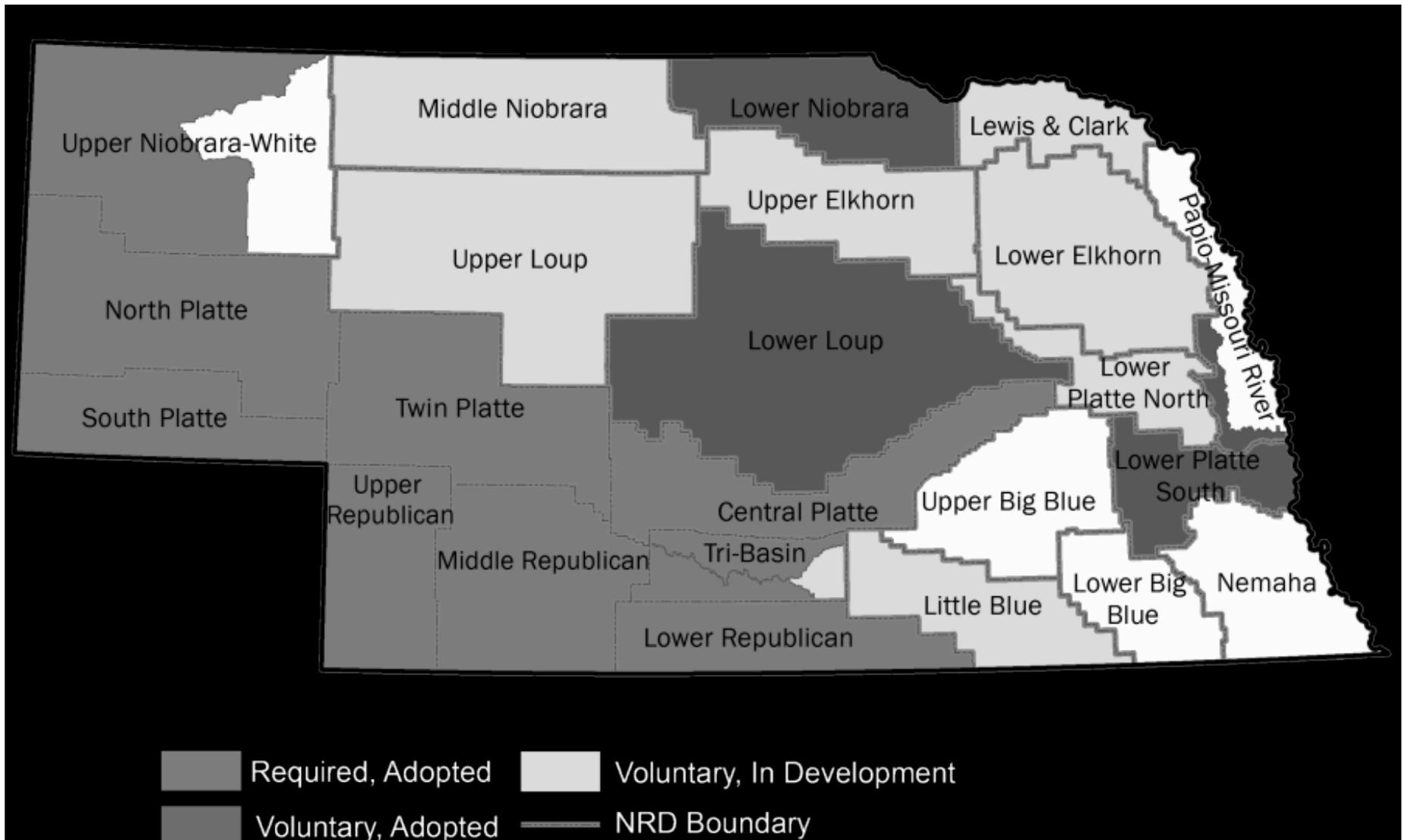
LB 962-Integrated Management Plans in Fully Appropriated Basins



Voluntary Integrated water Management Plans (V-IMPs)

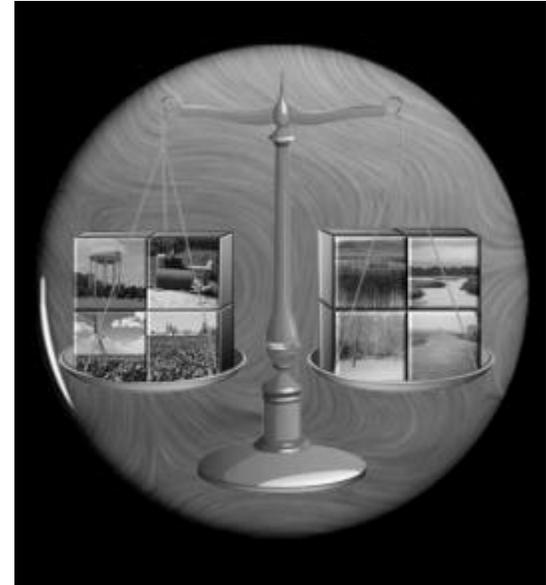
- LB 764 (2010)-inclusion of voluntary IMP process
 - NRDs may jointly develop an IMP with the Department
 - Same process as a fully appropriated IMP
 - The area of the IMP can be the hydrologically connected area or the whole NRD

Status of IMPs in Nebraska

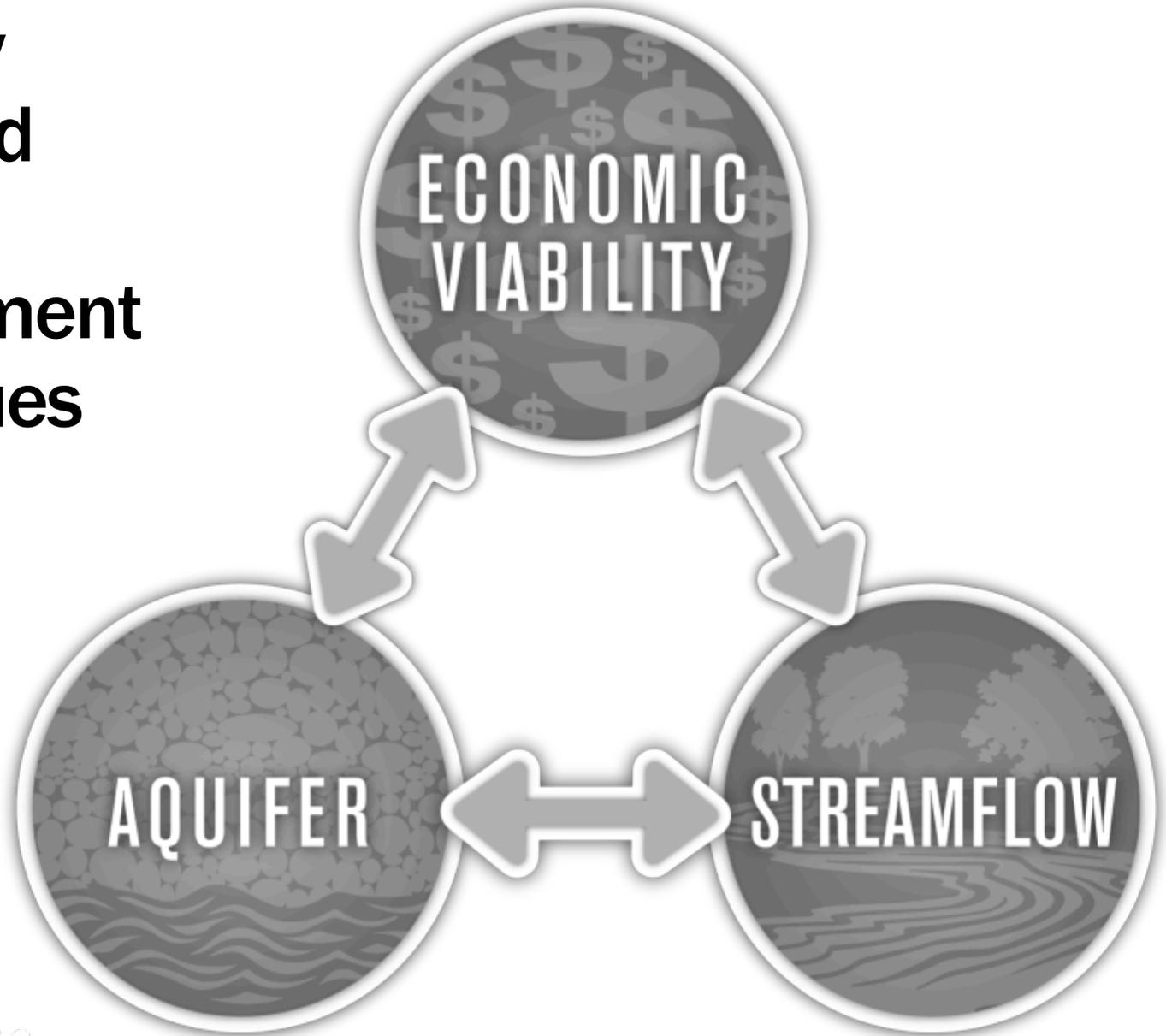


Voluntary Integrated Water Management

- Voluntary IMP objective
 - Achieve and sustain a balance between water uses and water supplies for the long term
- Protect existing water uses
- Proactive approach
- Eligible for water sustainability fund



Voluntary Integrated Water Management Core Values



Stakeholder Process

- Consulted with in development of IMP goals and objectives
 - Neb. Rev. Stat. 46-717(2): During preparation of an IMP, the Department and NRDs **shall consult** with any **irrigation district, reclamation district, public power and irrigation district, mutual irrigation company, canal company, or municipality** that relies on water from the affected river basin, ...and with other water users and stakeholders as deemed appropriate by the NRD....



Stakeholder Roles

- Convey local water issues/concerns
- Guide development of goals and objectives
- Disseminate information to local groups about IMP
- Attend meetings

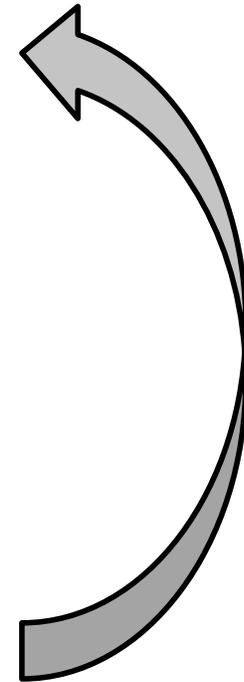


NRD/Department Roles

- Acquire/disseminate information/data needed for stakeholder process
- Help formulate goals and objectives with stakeholders
- Coordinate with each other, stakeholders, facilitators throughout IMP process
- Help determine/convey feasible actions for plan implementation
- Write the Integrated Water Management Plan

Voluntary Integrated Management Plan Components

- Introduction and background
- Geographic area of plan
- Goals and Objectives Action items
 - Regulatory (controls)
 - Non-regulatory
- Monitoring Plan
- Funding Options/Incentive Programs
- Review and modification plan



Voluntary Integrated Management Plan Components

- IMPs must contain at least one GW and one SW control appropriate to achieve goals and objectives

GW controls authorized by § 46-739

- Limit GW expansion
- Transfers
- Municipal/Industrial Tracking
- Well-spacing
- Meters
- Educational requirements
- Certified Acres
- Allocations
- Rotations
- Acres Reduction

SW controls authorized by § 46-716

- Increased Monitoring
- Variance/Transfers
- Conservation Measures
- Moratoriums

The Department's IMP Goals

- Build a foundation of data and tools so water use/supply is more effectively managed
- Identify opportunities to better adapt to changing conditions
- Listen to local inputs to increase understanding of future water uses/needs
- Build relationships with local NRDs and its constituents

Voluntary Integrated Management Planning Benefits

- Better planning to prevent fully appropriated status
- Proactive approach to water management
- Local buy in leads to more effective water management
- Eligibility for the Water Sustainability fund
- Multi-faceted education process

Links

➤ Approved IMPs

- <http://www.dnr.ne.gov/iwm/approved-plans> (Lower Platte South, Lower Niobrara, Papio are Voluntary IMPs)

➤ INSIGHT web tool

- <http://www.dnr.ne.gov/insight/>

➤ Nebraska revised statutes

- <https://nebraskalegislature.gov/laws/browse-statutes.php>
- 46-715 to 46-718 relevant to voluntary IMP



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THANK YOU

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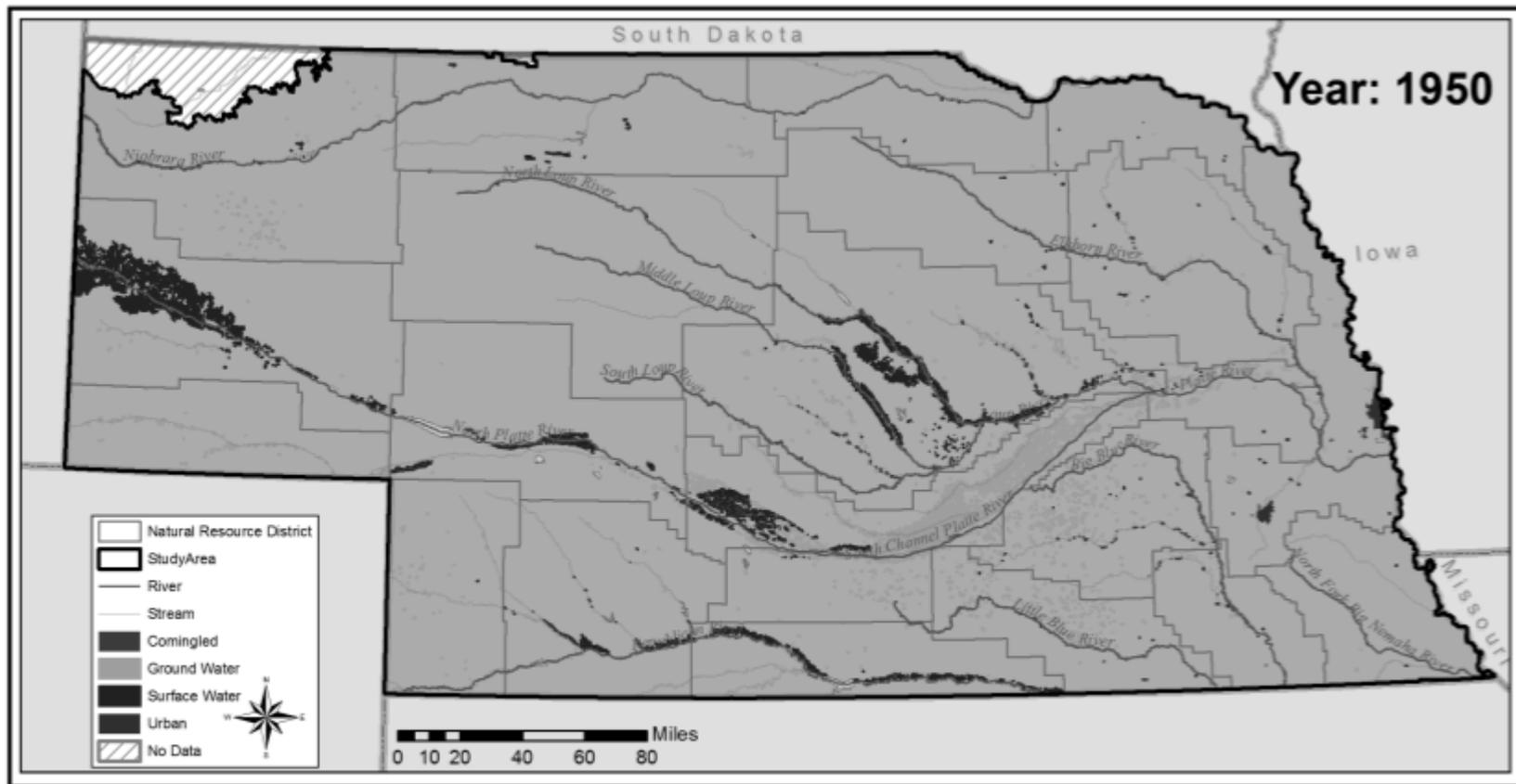
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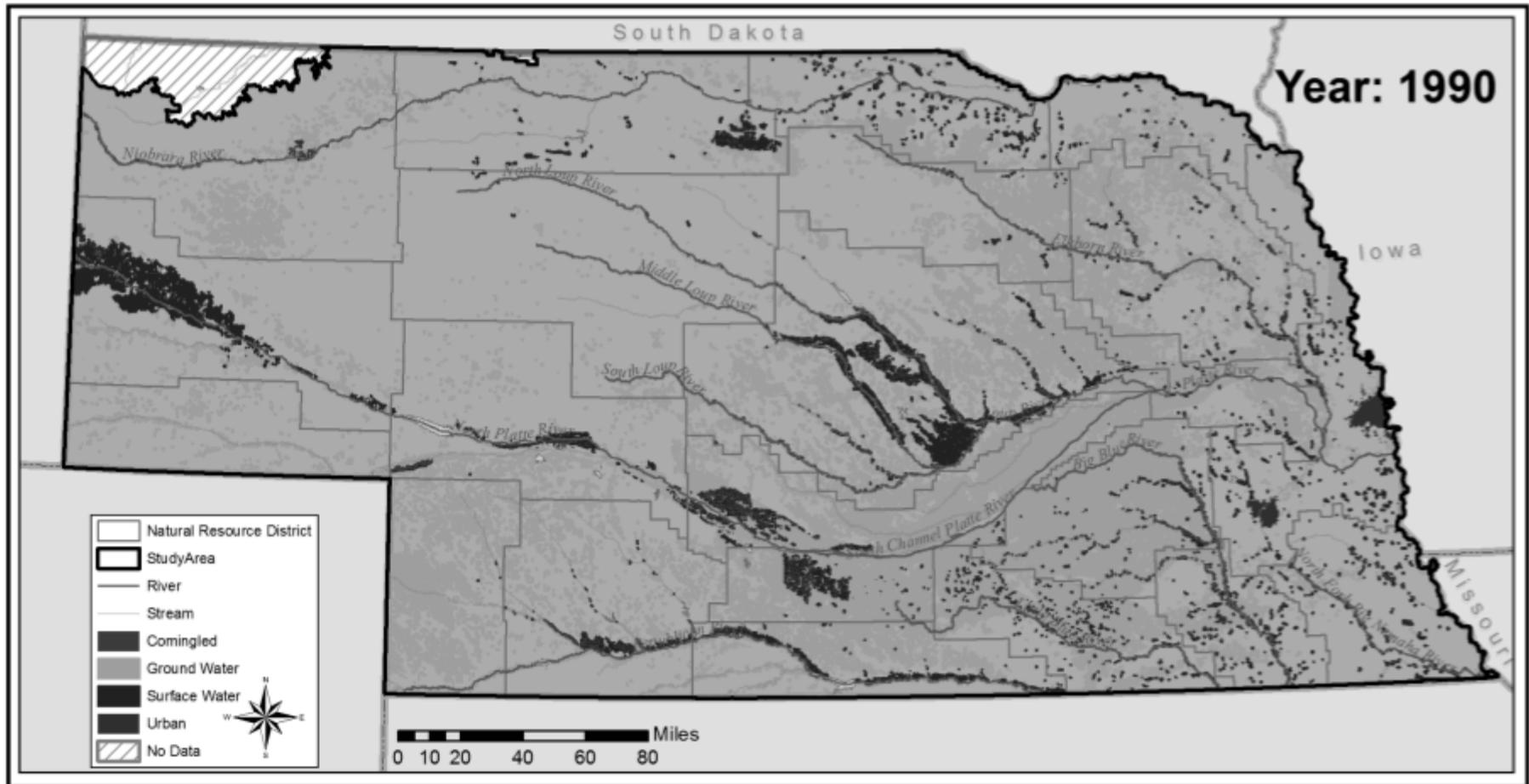
Voluntary IMP Example Timeline

- NRD contacts Department to initiate process
 - NRD/Department planning of process (6 months)
- Consultation with stakeholders (12 months)
- NRD/Department draft IMP (6 months)
- Public hearing process, consider testimony, finalize IMP (3 months)
- Publish orders and adopt IMP (1 month)

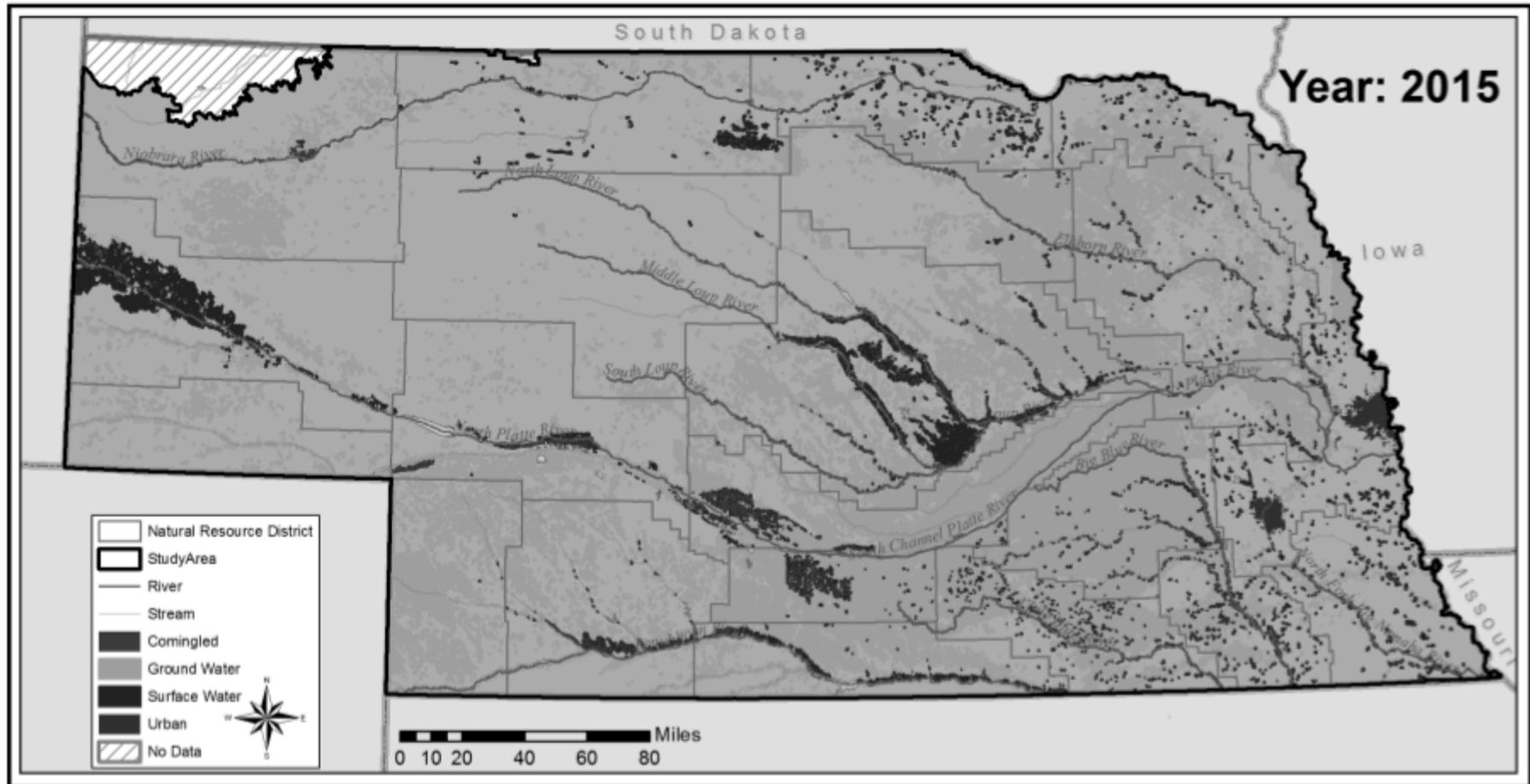
Irrigation Development in Nebraska



Land Use Development



Land Use Development



INSIGHT Water Balance for Blue Basin